

(J) ABSTRACT OF THE DISCLOSURE

An apparatus and method for controlling a biofeedback session. The system utilizes distributed processing that includes localized processing capability allowing a user to initiate a self-controlled biofeedback session and additionally includes remote processing capabilities enabling simultaneous remote analysis and monitoring of the session.

biofeedback system, the system includes a local processing unit and a remote processing unit. The local processing unit is connected to a user interface and a sensor unit. The remote processing unit is connected to a communication unit and a storage unit. The local processing unit performs localized processing on the data received from the sensor unit. The remote processing unit performs remote processing on the data received from the local processing unit. The communication unit is used to transfer data between the local processing unit and the remote processing unit. The storage unit is used to store the processed data for later analysis.